

Dairy Products

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August 2013 Highlights

Total cheese output (excluding cottage cheese) was 926 million pounds, 3.9 percent above August 2012 and 1.9 percent above July 2013.

Italian type cheese production totaled 386 million pounds, 3.8 percent above August 2012 but 2.1 percent below July 2013.

American type cheese production totaled 381 million pounds, 7.9 percent above August 2012 and 6.0 percent above July 2013.

Butter production was 136 million pounds, 4.7 percent above August 2012 and 1.5 percent above July 2013.

Dry milk powders (comparisons with August 2012) Nonfat dry milk, human - 107 million pounds, up 0.6 percent. Skim milk powders - 55.1 million pounds, up 36.5 percent.

Whey products (comparisons with August 2012)
Dry whey, total - 73.1 million pounds, down 6.3 percent.
Lactose, human and animal - 86.9 million pounds, up 3.3 percent.
Whey protein concentrate, total - 38.0 million pounds, up 8.5 percent.

Frozen products (comparisons with August 2012) Ice cream, regular (hard) - 72.5 million gallons, down 4.8 percent. Ice cream, lowfat (total) - 37.8 million gallons, down 12.9 percent. Sherbet (hard) - 3.68 million gallons, down 2.9 percent. Frozen yogurt (total) - 6.05 million gallons, down 16.4 percent.

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Dairy Products Production by Product - United States: August 2012 and 2013

	August	July	August	Change from		
Product	2012	2013	2013	August 2012	July 2013	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)	
Butter	129,531	133,661	135,631	4.7	1.5	
Cheese						
American types ¹	353,406	359,571	381,201	7.9	6.0	
Cheddar	250,895	260,300	269,937	7.6	3.7	
Other American types	102,511	99,271	111,264	8.5	12.1	
Blue and Gorgonzola	7,031	6,485	6,898	-1.9	6.4	
Brick and Muenster	13,860	14,082	15,371	10.9	9.2	
Cream and Neufchatel	76,156	65,942	67,959	-10.8	3.1	
Feta	9,456	9,283	8,840	-6.5	-4.8	
Gouda	1,537	4,233	4,885	217.8	15.4	
Hispanic	20,208	20,010	20,591	1.9	2.9	
Italian types	372,140	394,351	386,158	3.8	-2.1	
Mozzarella	285,959	307,969	296,240	3.6	-3.8	
Parmesan	23,945	29,180	28,034	17.1	-3.9	
Provolone	31,974	28,897	29,820	-6.7	3.2	
Ricotta	20,592	19,376	22,248	8.0	14.8	
Romano	3,739	2,801	3,494	-6.6	24.7	
	5,739 5,931	6,128	· ·	6.6	3.2	
Other Italian types	•	,	6,322	-9.2	-4.7	
Swiss	26,542	25,304	24,113			
All other types	11,062	9,899	10,064	-9.0	1.7	
Total cheese	891,398	909,160	926,080	3.9	1.9	
Cottage cheese, curd ²	39,346	35,178	36,656	-6.8	4.2	
Cottage cheese, cream 3	30,398	27,459	28,760	-5.4	4.7	
Cottage cheese, lowfat 4	36,728	32,701	33,806	-8.0	3.4	
Sour cream	109,505	104,424	109,137	-0.3	4.5	
Yogurt, plain and flavored	386,947	401,601	422,134	9.1	5.1	
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)	
Frozen products						
Ice cream, regular, hard	76,083	77,126	72,463	-4.8	-6.0	
Ice cream, lowfat, hard	17,738	17,886	16,596	-6.4	-7.2	
Ice cream, lowfat, soft	25,679	23,419	21,224	-17.3	-9.4	
Ice cream, lowfat, total	43,417	41,305	37,820	-12.9	-8.4	
Ice cream, nonfat, hard	1,205	935	799	-33.7	-14.5	
Sherbet, hard	3,788	4,165	3,679	-2.9	-11.7	
Frozen yogurt, total	7,235	6,519	6,051	-16.4	-7.2	
Regular and lowfat, hard	2,392	2,800	2,377	-0.6	-15.1	
Nonfat, hard	455	536	491	7.9	-8.4	
Other frozen dairy products	1,141	1,075	1,123	-1.6	4.5	
Water and juice ices	5,577	6,159	4,914	-11.9	-20.2	
Mix for frozen products						
Ice cream, regular, mix	43,165	43,936	39,903	-7.6	-9.2	
Ice cream, lowfat, mix	24,019	23,437	21,444	-10.7	-9.2 -8.5	
Ice cream, nonfat, mix	817	715	632	-22.6	-11.6	
Sherbet mix	2,457	2,633	2,334	-5.0	-11.4	
Yogurt mix	3,840	3,951	3,667	-4.5	-7.2	
¹ Includes Cheddar, Colby, Monterey, and Jack,	0,040	3,331	3,007	т.5	-1.2	

Includes Cheddar, Colby, Monterey, and Jack.
 Mostly used for processing into cream or lowfat cottage cheese.
 Fat content 4 percent or more.
 Fat content less than 4 percent.

Whey and Modified Whey Products Production, Stocks, and Prices - United States: August 2012 and 2013

	August	liste	August	Change from		
Product	August 2012	July 2013	August 2013	August 2012	July 2013	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)	
Condensed whey, solids content ¹						
Sweet-type, human	7,966	7,158	7,345	-7.8	2.6	
Dry whey products						
Dry whey, human		72,273	69,229	-6.4	-4.2	
Dry whey, animal		4,143	3,855	-4.5	-7.0	
Dry whey, total	78,022	76,416	73,084	-6.3	-4.4	
Reduced lactose and minerals						
Human	, -	1,908	1,716	-29.1	-10.1	
Animal	5,325	5,631	4,713	-11.5	-16.3	
Whey protein concentrate						
Human ²	33,023	39,349	37,529	13.6	-4.6	
Animal ²	2,027	702	495	-75.6	-29.5	
Total ²	35,050	40,051	38,024	8.5	-5.1	
25.0-49.9 percent ³	19,460	21,085	19,176	-1.5	-9.1	
50.0-89.9 percent ³	15,590	18,966	18,848	20.9	-0.6	
Whey protein isolates ⁴	5,295	7,747	7,895	49.1	1.9	
Lactose, human and animal	84,124	85,755	86,928	3.3	1.4	
Manufacturers' stocks end of month ⁵						
Dry whey products						
Dry whey, human	38,708	62,448	58,246	50.5	-6.7	
Dry whey, animal	2,363	3,550	3,165	33.9	-10.8	
Dry whey, total	41,071	65,998	61,411	49.5	-7.0	
Reduced Lactose and minerals						
Human and animal ⁶	7,833	8,814	7,107	-9.3	-19.4	
Whey protein concentrate						
Human ²	52,223	51,514	49,468	-5.3	-4.0	
Animal ²	2,581	1,973	1,448	-43.9	-26.6	
Total ²	54.804	53.487	50.916	-7.1	-4.8	
25.0-49.9 percent ³	32,844	20,602	18,707	-43.0	-9.2	
25.0-49.9 percent ³	21,960	32,885	32,209	46.7	-2.1	
Whey protein isolates ⁴	7,559	9,942	10,070	33.2	1.3	
Lactose, human and animal	85,374	88,867	82,780	-3.0	-6.8	
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)	
Manufacturers' selling price 7	(2 2	((((
Dry whey, animal	35.8	40.3	52.1	16.3	11.8	
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¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

² Whey protein concentrate, 25.0 to 89.9 percent.

³ Whey protein concentrate, human and animal.

⁴ Whey protein isolate, 90.0 percent or greater.

⁵ Stocks held by manufacturers at all points and in transit.

⁶ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁷ Private for bulk greater for health appears to be private the firms

⁷ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: August 2012 and 2013

	August	lide	August	Chang	e from
Product	August 2012	July 2013	August 2013	August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production Bulk condensed milk Skim, unsweetened	141,434	157,924	142,377	0.7	-9.8
Dry milk products Dry buttermilk, total Dry skim milk, animal Dry whole milk Milk protein concentrate, total ¹ Nonfat dry milk, human Skim milk powder, total ²	6,787 757 5,799 5,345 106,014 40,346	8,406 924 9,229 4,989 116,616 53,131	7,582 895 7,077 4,761 106,692 55,074	11.7 18.2 22.0 -10.9 0.6 36.5	-9.8 -3.1 -23.3 -4.6 -8.5 3.7
Manufacturers' stocks end-of-month ³ Dry milk products Dry buttermilk, total Dry skim milk, animal Dry whole milk Nonfat dry milk, human Manufacturers' shipments ⁴	7,859 2,933 6,882 105,529	10,291 1,573 9,220 206,385	9,663 1,635 10,151 194,474	23.0 -44.3 47.5 84.3	-6.1 3.9 10.1 -5.8
Dry milk products Nonfat dry milk, human	124,118	130,101	107,589	-13.3	-17.3

¹ Dry milk protein concentrate, 40-89.9 percent.
² Includes protein standardized and blends.
³ Stocks held by manufacturers at all points and in transit.
⁴ For dry products, shipments of bulk goods.

Dairy Products Production by Product and Month – United States: 2012 and 2013 [Blank data cells indicate estimation period has not yet begun]

		By month			Cumulative			
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012		
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)		
Total cheese								
January	911,942	935,677	2.6	911,942	935,677	2.6		
February	861,487	855,778	-0.7	1,773,429	1,791,455	1.0		
March	956,196	955,600	-0.1	2,729,625	2,747,055	0.6		
April	899,436	930,176	3.4	3,629,061	3,677,231	1.3		
May	918,053	950,596	3.5	4,547,114	4,627,827	1.8		
June	901,108	909,788	1.0	5,448,222	5,537,615	1.6		
July	883,021	909,160	3.0	6,331,243	6,446,775	1.8		
August	891,398	926,080	3.9	7,222,641	7,372,855	2.1		
September	871,539	,		8,094,180	, ,			
October	930,450			9,024,630				
November	914,245			9,938,875				
December	951,269			10,890,144				
Total American cheese types ¹								
January	366,688	376,297	2.6	366,688	376,297	2.6		
February	344,565	346,687	0.6	711,253	722,984	1.6		
March	378,405	384,584	1.6	1,089,658	1,107,568	1.6		
April	364,148	376,768	3.5	1,453,806	1,484,336	2.1		
May	367,534	388,381	5.7	1,821,340	1,872,717	2.8		
June	360,027	363,520	1.0	2,181,367	2,236,237	2.5		
July	356,523	359,571	0.9	2,537,890	2,595,808	2.3		
August	353,406	381,201	7.9	2,891,296	2,977,009	3.0		
September	348,240	00.,20.		3,239,536	2,0,000	0.0		
October	370.184			3,609,720				
November	364,550			3,974,270				
December	384,207			4,358,477				
Cheddar cheese								
January	271,994	280,715	3.2	271,994	280,715	3.2		
February	253,013	251,357	-0.7	525,007	532,072	1.3		
March	274,776	284,003	3.4	799,783	816,075	2.0		
April	264,571	279,219	5.5	1,064,354	1,095,294	2.9		
May	268,418	282,191	5.1	1,332,772	1,377,485	3.4		
June	259,916	259,172	-0.3	1,592,688	1,636,657	2.8		
July	258,839	260,300	0.6	1,851,527	1,896,957	2.5		
August	250,895	269,937	7.6	2,102,422	2,166,894	3.1		
September	243,606	200,937	7.0	2,346,028	2,100,034	3.1		
October	262,654			2,608,682				
November	259,121			2,867,803				
December	278,862			3,146,665				
December	210,002			3, 140,003				

See footnote(s) at end of table.

Dairy Products Production by Product and Month - United States: 2012 and 2013 (continued)

[Blank data cells indicate estimation period has not yet begun]

Dank data cono maiotte commanon period has not ye		By month			Cumulative	
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	400,844	400,094	-0.2	400,844	400,094	-0.2
February	372,265	360,870	-3.1	773,109	760,964	-1.6
March	410,544	413,465	0.7	1,183,653	1,174,429	-0.8
April	385,854	397,630	3.1	1,569,507	1,572,059	0.2
May	391,465	399,879	2.1	1,960,972	1,971,938	0.6
June	379,447	392,737	3.5	2,340,419	2,364,675	1.0
July	369,228	394,351	6.8	2,709,647	2,759,026	1.8
August	372,140	386,158	3.8	3,081,787	3,145,184	2.1
September	368,503			3,450,290		
October	388,830			3,839,120		
November	384,399			4,223,519		
December	410,108			4,633,627		
Mozzarella						
January	311,666	311,459	-0.1	311,666	311,459	-0.1
February	291,278	278,934	-4.2	602,944	590,393	-2.1
March	318,490	323,041	1.4	921,434	913,434	-0.9
April	302,218	306,923	1.6	1,223,652	1,220,357	-0.3
May	305,941	312,873	2.3	1,529,593	1,533,230	0.2
June	299,449	308,296	3.0	1,829,042	1,841,526	0.7
July	291,703	307,969	5.6	2,120,745	2,149,495	1.4
August	285.959	296,240	3.6	2,406,704	2,445,735	1.6
September	286,356	,		2,693,060	, -,	_
October	296,862			2,989,922		
November	297,483			3,287,405		
December	324,595			3,612,000		
Other Italian cheese types						
January	5,552	6,085	9.6	5,552	6,085	9.6
February	5,279	5,571	5.5	10,831	11,656	7.6
March	5,688	6,627	16.5	16,519	18,283	10.7
April	5,470	5,622	2.8	21,989	23,905	8.7
May	6,103	5,883	-3.6	28,092	29,788	6.0
June	7.039	6,135	-12.8	35.131	35,923	2.3
July	5,979	6,128	2.5	41,110	42,051	2.3
August	5,931	6,322	6.6	47,041	48,373	2.8
September	6,149	5,522	3.0	53,190	10,570	2.0
October	6,340			59,530		
November	5,891			65,421		
December	6,238			71,659		
	0,230			7 1,000		

See footnote(s) at end of table.

Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued) [Blank data cells indicate estimation period has not yet begun]

-		By month			Cumulative		
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012	
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)	
Butter							
January	181,571	188,079	3.6	181,571	188,079	3.6	
February	170,584	173,811	1.9	352,155	361,890	2.8	
March	176,287	181,967	3.2	528,442	543,857	2.9	
April	169,896	166,937	-1.7	698,338	710,794	1.8	
May	164,133	163,360	-0.5	862,471	874,154	1.4	
June	137,046	140,764	2.7	999,517	1,014,918	1.5	
July	133.581	133.661	0.1	1,133,098	1,148,579	1.4	
August	129,531	135,631	4.7	1,262,629	1,284,210	1.7	
September	136,299	,		1,398,928	, - , -		
October	144,544			1,543,472			
November	142,938			1,686,410			
December	173,144			1,859,554			
Nonfat dry milk, human							
January	152,085	142,799	-6.1	152,085	142,799	-6.1	
February	171,394	137,674	-19.7	323,479	280,473	-13.3	
March	189,227	150,283	-20.6	512,706	430,756	-16.0	
April	190,728	160,117	-16.0	703,434	590,873	-16.0	
May	193,362	150,531	-22.2	896,796	741,404	-17.3	
June	168,394	130,901	-22.3	1,065,190	872,305	-18.1	
July	140,169	116,616	-16.8	1,205,359	988,921	-18.0	
August	106,014	106,692	0.6	1,311,373	1,095,613	-16.5	
September	84.498	100,002	0.0	1,395,871	1,000,010	10.0	
October	95.064			1.490.935			
November	115,854			1,606,789			
December	157,660			1,764,449			
Skim milk powders ²							
January	40,928	47,980	17.2	40,928	47,980	17.2	
February	18,635	43,178	131.7	59,563	91,158	53.0	
March	12,638	47,546	276.2	72,201	138,704	92.1	
April	18,699	39.751	112.6	90,900	178,455	96.3	
May	14,675	54,787	273.3	105,575	233,242	120.9	
June	25,366	58,217	129.5	130,941	291,459	120.8	
July	37,240	53,131	42.7	168,181	344,590	104.9	
	40,346	55,074	36.5	208,527	399,664	91.7	
August	43,620	55,074	30.5	206,52 <i>1</i> 252,147	399,004	91.7	
September				· · · · · · · · · · · · · · · · · · ·			
October	45,664			297,811			
November	44,723			342,534			
December	38,138			380,672			

See footnote(s) at end of table.

Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

[Blank data cells indicate estimation period has not yet begun]

		By month			Cumulative	
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	96,072	90,646	-5.6	96,072	90,646	-5.6
February		77,077	-13.7	185,354	167,723	-9.5
March		83,232	-5.4	273,365	250,955	-8.2
April	84,170	81,640	-3.0	357,535	332,595	-7.0
May	86.753	79,300	-8.6	444,288	411,895	-7.3
June		75,382	-9.6	527,688	487,277	-7.7
July	· · · · · · · · · · · · · · · · · · ·	76,416	-4.2	607,476	563,693	-7.2
August	· · · · · · · · · · · · · · · · · · ·	73,084	-6.3	685,498	636,777	-7.1
September		-,		759,683	,	
October	·			836,794		
November	· · · · · · · · · · · · · · · · · · ·			909,584		
December				998,825		
Lactose, human and animal						
January	86,789	88,654	2.1	86,789	88,654	2.1
February		78,212	-3.9	168,176	166,866	-0.8
March		93,187	2.6	259,038	260,053	0.4
April		89,620	2.6	346,384	349,673	0.9
May		91,761	4.8	433,913	441,434	1.7
June		88,544	0.4	522,090	529,978	1.5
July		85,755	1.7	606,448	615,733	1.5
August		86,928	3.3	690,572	702,661	1.8
September	85,268	,		775,840	,	
October	· · · · · · · · · · · · · · · · · · ·			857,985		
November	80,203			938,188		
December				1,026,126		
Whey protein concentrate, total						
January	38,844	36,825	-5.2	38,844	36,825	-5.2
February	34,740	34,277	-1.3	73,584	71,102	-3.4
March	39,211	38,919	-0.7	112,795	110,021	-2.5
April	37,090	40,541	9.3	149,885	150,562	0.5
May	36,634	43,155	17.8	186,519	193,717	3.9
June	38,553	41,903	8.7	225,072	235,620	4.7
July	33,874	40,051	18.2	258,946	275,671	6.5
August	35,050	38,024	8.5	293,996	313,695	6.7
September				329,854		
October	37,003			366,857		
November	· · · · · · · · · · · · · · · · · · ·			402,676		
December	· · · · · · · · · · · · · · · · · · ·			441,084		

See footnote(s) at end of table.

Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

[Blank data cells indicate estimation period has not yet begun]

		By month		Cumulative		
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	26,777	27,639	3.2	26,777	27,639	3.2
February	26,590	24,993	-6.0	53,367	52,632	-1.4
March	26,866	26,762	-0.4	80,233	79,394	-1.0
April	25,761	25,202	-2.2	105,994	104,596	-1.3
May	28,633	27,007	-5.7	134,627	131,603	-2.2
June	26,748	23,108	-13.6	161,375	154,711	-4.1
July	28,882	27,459	-4.9	190,257	182,170	-4.3
August	30,398	28,760	-5.4	220,655	210,930	-4.4
September	26,598	•		247,253		
October	27,286			274,539		
November	24,918			299,457		
December	23,771			323,228		
Cottage cheese, lowfat						
January	33,366	33,423	0.2	33,366	33,423	0.2
February	32,367	30,740	-5.0	65,733	64,163	-2.4
March	32,601	32,736	0.4	98,334	96,899	-1.5
April	31,707	32,850	3.6	130,041	129,749	-0.2
May	35,113	32,766	-6.7	165,154	162,515	-1.6
June	31,557	27,904	-11.6	196,711	190,419	-3.2
July	32,440	32,701	0.8	229,151	223,120	-2.6
August	36,728	33,806	-8.0	265,879	256,926	-3.4
September	31,571	,		297,450		
October	33.089			330,539		
November	27,990			358,529		
December	27,582			386,111		
Sour cream						
January	103,114	107,887	4.6	103,114	107,887	4.6
February	97,924	94,963	-3.0	201,038	202,850	0.9
March	108,557	105,081	-3.2	309,595	307,931	-0.5
April	97,091	97,992	0.9	406,686	405,923	-0.2
May	109,795	109,676	-0.1	516,481	515,599	-0.2
June	105,316	101,245	-3.9	621,797	616,844	-0.8
July	101,510	104,424	2.9	723,307	721,268	-0.3
August	109,505	109,137	-0.3	832,812	830,405	-0.3
September	98,012	,	3.0	930,824	111, 100	0.0
October	116,388			1,047,212		
November	124,377			1,171,589		
	,	1		.,,550	1	

See footnote(s) at end of table.

Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

[Blank data cells indicate estimation period has not yet begun]

		By month		Cumulative		
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	56,490	56,053	-0.8	56,490	56,053	-0.8
February	63,707	62,411	-2.0	120,197	118,464	-1.4
March	73,172	70,197	-4.1	193,369	188,661	-2.4
April	70,485	72,170	2.4	263,854	260,831	-1.1
May	77,726	77,710	-	341,580	338,541	-0.9
June	81,070	79,634	-1.8	422,650	418,175	-1.1
July	75,189	77,126	2.6	497,839	495,301	-0.5
August	76,083	72,463	-4.8	573,922	567,764	-1.1
September	60,133	,		634,055	, -	
October	65,323			699,378		
November	54,110			753,488		
December	48,377			801,865		
Ice cream, lowfat total						
January	32,985	28,498	-13.6	32,985	28,498	-13.6
February	37,414	32,109	-14.2	70,399	60,607	-13.9
March	46,872	40,459	-13.7	117,271	101,066	-13.8
April	44,490	38,556	-13.3	161,761	139,622	-13.7
May	47,511	42,894	-9.7	209,272	182,516	-12.8
June	45,949	41,492	-9.7	255,221	224,008	-12.2
July	43,934	41,305	-6.0	299,155	265,313	-11.3
August	43,417	37,820	-12.9	342,572	303,133	-11.5
September	35,333	01,020	12.0	377,905	000,100	11.0
October	35,790			413.695		
November	27,543			441,238		
December	25,352			466,590		
Sherbet, hard						
January	3,078	2,996	-2.7	3,078	2,996	-2.7
February	3,303	3,298	-0.2	6,381	6,294	-1.4
March	4,417	4,408	-0.2	10,798	10,702	-0.9
April	4,023	4,375	8.7	14,821	15,077	1.7
May	3,861	4,566	18.3	18,682	19,643	5.1
June	3,872	4,570	18.0	22,554	24,213	7.4
July	3,996	4,165	4.2	26,550	28,378	6.9
August	3,788	3,679	-2.9	30,338	32,057	5.7
September	3,766	3,079	-2.9	33,555	32,037	5.7
October	2,910			36,465		
November	2,910			38,927		
	2,462			,		
December	∠,008			41,795]	

See footnote(s) at end of table.

Dairy Products Production by Product and Month - United States: 2012 and 2013 (continued)

[Blank data cells indicate estimation period has not yet begun]

		By month			Cumulative	
Product and month	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	384,125	394,753	2.8	384,125	394,753	2.8
February	364,344	359,285	-1.4	748,469	754,038	0.7
March	403,718	419,600	3.9	1,152,187	1,173,638	1.9
April	349,245	378,118	8.3	1,501,432	1,551,756	3.4
May	367,658	403,056	9.6	1,869,090	1,954,812	4.6
June	366,999	377,804	2.9	2,236,089	2,332,616	4.3
July	355,173	401,601	13.1	2,591,262	2,734,217	5.5
August	386,947	422,134	9.1	2,978,209	3,156,351	6.0
September	400,751			3,378,960		
October	365,073			3,744,033		
November	310,690			4,054,723		
December	360,854			4,415,577		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	5,461	3,648	-33.2	5,461	3,648	-33.2
February	6,721	5,757	-14.3	12,182	9,405	-22.8
March	6,682	6,400	-4.2	18,864	15,805	-16.2
April	6,512	7,153	9.8	25,376	22,958	-9.5
May	7,144	7,478	4.7	32,520	30,436	-6.4
June	7,816	7,148	-8.5	40,336	37,584	-6.8
July	6,513	6,519	0.1	46,849	44,103	-5.9
August	7,235	6,051	-16.4	54,084	50,154	-7.3
September	5,144			59,228		
October	5,409			64,637		
November	4,842			69,479		
December	4,520			73,999		

⁻ Represents zero.

¹ Includes Cheddar, Colby, Monterey, and Jack.

² Includes protein standardized and blends.

³ Excludes all modified dry whey products.

Total Cheese Production Excluding Cottage Cheese – States and United States: August 2012 and 2013

	August	luk	August	Chang	e from
State	August 2012	July 2013	August 2013	August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	179,971	188,565	191,070	6.2	1.3
Idaho	71,191	74,142	81,271	14.2	9.6
Illinois	6,158	5,294	5,282	-14.2	-0.2
lowa	19,993	21,231	20,495	2.5	-3.5
Minnesota	50,828	54,014	54,527	7.3	0.9
New Mexico	58,379	63,687	65,751	12.6	3.2
New York	62,865	61,729	66,524	5.8	7.8
Ohio	16,428	16,122	15,927	-3.0	-1.2
Pennsylvania	33,130	34,164	33,537	1.2	-1.8
South Dakota	22,101	22,129	21,844	-1.2	-1.3
Vermont	11,034	11,047	11,639	5.5	5.4
Wisconsin	239,998	232,525	232,848	-3.0	0.1
Other States ¹	119,322	124,511	125,365	5.1	0.7
United States	891,398	909,160	926,080	3.9	1.9
Atlantic	117,010	115,824	121,232	3.6	4.7
Central	409,198	408,571	405,713	-0.9	-0.7
West	365,190	384,765	399,135	9.3	3.7

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

American Cheese Production - States and United States: August 2012 and 2013

State	August	luly	August 2013	Change from	
	August 2012	July 2013		August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	49,077	50,486	52,492	7.0	4.0
Idaho	53,839	48,952	60,618	12.6	23.8
lowa	15,530	13,902	13,662	-12.0	-1.7
Oregon	15,620	15,974	16,380	4.9	2.5
Wisconsin	68,223	66,629	66,700	-2.2	0.1
Other States ¹	151,117	163,628	171,349	13.4	4.7
United States	353,406	359,571	381,201	7.9	6.0
Atlantic	15,050	17,598	16,702	11.0	-5.1
Central	167,950	170,202	170,344	1.4	0.1
West	170,406	171,771	194,155	13.9	13.0

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Cheddar Cheese Production - States and United States: August 2012 and 2013

State	August	July	August 2013	Change from	
	2012	2013		August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	26,944 41,670 8,692 40,459 45,192	31,232 38,023 8,252 43,003 45,261	29,693 45,776 7,683 44,304 44,600	10.2 9.9 -11.6 9.5 -1.3	-4.9 20.4 -6.9 3.0 -1.5
Other States ¹	87,938	94,529	97,881	11.3	3.5
United States	250,895	260,300	269,937	7.6	3.7
Atlantic Central West	14,841 114,939 121,115	17,070 120,177 123,053	16,192 119,363 134,382	9.1 3.8 11.0	-5.1 -0.7 9.2

States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Total Italian Cheese Production - States and United States: August 2012 and 2013

	<u> </u>				
	August	July 2013	August	Change from	
State	August 2012		August 2013	August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	112,475	120,703	120,642	7.3	-0.1
Idaho	13,536	20,505	15,666	15.7	-23.6
New York	28,910	29,857	32,098	11.0	7.5
Pennsylvania	18,337	21,167	18,527	1.0	-12.5
Wisconsin	120,345	116,978	123,080	2.3	5.2
Other States ¹	78,537	85,141	76,145	-3.0	-10.6
United States	372,140	394,351	386,158	3.8	-2.1
Atlantic	55,387	58,144	57,911	4.6	-0.4
Central	156,997	158,802	161,598	2.9	1.8
West	159,756	177,405	166,649	4.3	-6.1

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Mozzarella Cheese Production - States and United States: August 2012 and 2013

	August	July	August	Change from		
State	2012	2013	2013	August	July	
				2012	2013	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)	
California	101,932	110,138	110,025	7.9	-0.1	
Idaho	11,118	17,592	12,729	14.5	-27.6	
New York	14,934	16,316	17,005	13.9	4.2	
Wisconsin	81,724	81,884	85,300	4.4	4.2	
Other States ¹	76,251	82,039	71,181	-6.6	-13.2	
United States	285,959	307,969	296,240	3.6	-3.8	
Atlantic	34,476	38,361	36,207	5.0	-5.6	
Central	106,476	107,296	108,477	1.9	1.1	
West	145,007	162,312	151,556	4.5	-6.6	

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Butter Production – States and United States: August 2012 and 2013

State	August	July 2013	August 2013	Change from	
	August 2012			August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	44,921	46,977	46,983	4.6	-
Other States ¹	84,610	86,684	88,648	4.8	2.3
United States	129,531	133,661	135,631	4.7	1.5
Atlantic Central West	7,556 52,720 69,255	10,284 52,097 71,280	8,493 54,592 72,546	12.4 3.6 4.8	-17.4 4.8 1.8

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Nonfat Dry Milk (Human) Production - States and United States: August 2012 and 2013

	/				
State	August	July 2013	August 2013	Change from	
	August 2012			August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	42,245	41,206	39,479	-6.5	-4.2
Other States ¹	63,769	75,410	67,213	5.4	-10.9
United States	106,014	116,616	106,692	0.6	-8.5
Atlantic Central West	7,479 20,058 78,477	14,842 20,964 80,810	13,734 17,091 75,867	83.6 -14.8 -3.3	-7.5 -18.5 -6.1

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

⁻ Represents zero.

1 States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Dry Whey (Human) Production - States and United States: August 2012 and 2013

State	August	July 2013	August 2013	Change from	
	August 2012			August 2012	July 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York Wisconsin	13,134 22,165	8,719 25,545	9,001 25,068	-31.5 13.1	3.2 -1.9
Other States ¹	38,685	38,009	35,160	-9.1	-7.5
United States	73,984	72,273	69,229	-6.4	-4.2
Atlantic Central West	21,012 36,365 16,607	17,781 37,011 17,481	16,701 36,084 16,444	-20.5 -0.8 -1.0	-6.1 -2.5 -5.9

States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production - States and United States: August 2012 and 2013

	August 2012	July 2013	August 2013	Change from	
State				August 2012	July 2013
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	13,564	13,647	12,825	-5.4	-6.0
Missouri	2,884	2,343	1,828	-36.6	-22.0
Oregon	1,626	1,089	1,218	-25.1	11.8
Wisconsin	2,148	2,313	2,237	4.1	-3.3
Other States ¹	55,861	57,734	54,355	-2.7	-5.9
United States	76,083	77,126	72,463	-4.8	-6.0
Atlantic	15,874	14,613	13,434	-15.4	-8.1
Central	40,249	42,925	40,509	0.6	-5.6
West	19,960	19,588	18,520	-7.2	-5.5

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.



Statistical Methodology

Data Collection Period: Dairy products estimates are based upon survey data collected after the close of each month. Production data are provided by the firms producing dairy products.

Sampling frames and sample size: In 2012, there were 1,288 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

Estimating Procedures: In the Field Office (FO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each field office summarizes data at the State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both FO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, FO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

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